

L# ANSWER 366 OF 419 CAPLUS COPYRIGHT 2002 ACS

AN 1977:405802 CAPLUS

DN 87:5802

TI Pyrrolidinone derivatives

IN Mori, Yasuyuki; Miyajima, Shin; Shirao, Tetsuo

PA Mitsubishi Chemical Industries Co., Ltd., Japan

SO Japan., 4 pp.

CODEN: JAXXAD

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

PI	JP 51042107	B4	19761113	JP 1972-84274	19720823
	JP 49041364	A2	19740418		

AB 2-Pyrrolidinones (I, R = Me, H) were prepd. by reaction of .gamma.-butyrolactone with RNH<sub>2</sub> using H<sub>2</sub>O as carrier for the recycling of the unreacted RNH<sub>2</sub>. Thus, a 1:1.4:4 mixt. of .gamma.-butyrolactone, MeNH<sub>2</sub>, and H<sub>2</sub>O was allowed to react at 250.degree. and under 45-50 kg/cm<sup>2</sup>; I (R = Me) was (yield not given) distd., and the unreacted MeNH<sub>2</sub> (.apprx.17%) collected as aq. soln. at the top of the distn. column was recycled.

IC C07D207-26

DT Patent

LA Japanese

